

Work Order ID 53217

October 27, 2009 9:50:13 AM



Page 1

Item ID: D350-578-031

Accept



Setup Start



Revision ID: A

Stop



Item Name: Wearplate

Start Date: 10/27/09 Start Qty: 1.00



Cust Item ID:

Required Date: 10/27/09 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI 9429

Rev. A

[Signature]

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels per PPP D350-578-031 and DSI9429 CHG 001

8/21/09

105

0.00



Packaging

Memo

0.00

Packaging

PULL FROM STOCK:

1 X D206-559-033 B *45466 45467*
DISASSEMBLE KIT RETURN TO STOCK

10/14/27 (1)

106

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/21/09

[Signature]

[Signature]

Work Order ID 53217

October 27, 2009 9:50:13 AM



Page 2

Item ID: D350-578-031

Accept



Setup Start



Revision ID: A

Stop



Item Name: Wearplate

Start Date: 10/27/09 Start Qty: 1.00



Cust Item ID:

Required Date: 10/27/09 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|----------------|
| 120 | | 0.00 | | | | | | | |
| | Packaging | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | Identify and pack for shipping as per PPP D350-578-031 and DSI9429 Location: _____ □ PPP Rev: <u>Draft</u> | | | | | | | | |
| 130 | | 0.00 | | | | | | | |
| | QC21- Final Inspection - Work Order Release | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

9/10/27 7052

1 05-10-27

u 9.10.27

Picklist Print

October 27, 2009 9:50:11 AM

Work Order ID: 53217

Parent Item: D350-578-031RevA

Parent Item Name: Wearplate

Comments:

Start Date: 10/27/09

Required Date: 10/27/09

Start Qty: 1.00

Required Qty: 1.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|

| | | | | | | | | | | | | |
|--|--|-----------|----|--|--|--|------|----------|----------|--|--|--|
| AN4-15A | | Purchased | No | | | | Each | 172.0000 | -12.0000 | | | |
|  | | | | | | | | | | | | |
| Bolt | | | | | | | | | | | | |

*Remove
to create - 031*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

172

107737

8

108077

1

108868

7

109148

18

110399

8

111295

130

| | | | | | | | | | | | | |
|--|--|-----------|----|--|--|--|------|------------|---------|--|--|--|
| AN4-17A | | Purchased | No | | | | Each | 1,628.0000 | 12.0000 | | | |
|  | | | | | | | | | | | | |
| Bolt | | | | | | | | | | | | |

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

1628

105653

5

107321

10

109061

5

111758

608

112314

1000

m109061

10/27/09 (1)

Picklist Print

October 27, 2009 9:50:11 AM

Work Order ID: 53217

Parent Item: D350-578-031RevA

Parent Item Name: Wearplate


Comments:

Start Date: 10/27/09

Required Date: 10/27/09

Start Qty: 1.00

Required Qty: 1.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
| D206-559-033RevA  Wearplate | | Manufactured | No | | | | Each | 2.0000 | 1.0000 | | | |

*Remove to create
D350-578-031*

| <u>Warehouse</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|------------------|----------------|-----------------|
| <u>Location</u> | | |
| HONG KONG | | |
| FG062 | 2 | |
| 45467 | 2 | |

*45467
454673*

| | | | | | | | | | | | | |
|---|--|--------------|----|--|--|--|------|--------|--------|--|--|--|
| D3859-041RevA  Wearplate | | Manufactured | No | | | | Each | 1.0000 | 2.0000 | | | |
|---|--|--------------|----|--|--|--|------|--------|--------|--|--|--|

| <u>Warehouse</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|------------------|----------------|-----------------|
| <u>Location</u> | | |
| Main Warehouse | | |
| ST | 1 | |
| 45473 | 1 | |

43472

| | | | | | | | | | | | | |
|---|--|-----------|----|--|--|--|------|-----------|---------|--|--|--|
| MS21042L4  Nut | | Purchased | No | | | | Each | 5,978.000 | 12.0000 | | | |
|---|--|-----------|----|--|--|--|------|-----------|---------|--|--|--|

| <u>Warehouse</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|------------------|----------------|-----------------|
| <u>Location</u> | | |
| Main Warehouse | | |
| ST | 5978 | |
| 110507 | 184 | |
| 111827 | 5785 | |
| 112314 | 9 | |
| 15924 | 0 | |

1109282

Picklist Print

Page 3

October 27, 2009 9:50:11 AM

Work Order ID: 53217

Parent Item: D350-578-031RevA

Parent Item Name: Wearplate

Comments:

Start Date: 10/27/09

Required Date: 10/27/09

Start Qty: 1.00

Required Qty: 1.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|

NAS1149D0463J *OR* Purchased No Each 240.0000 12.0000 ✓



Washer

Ar 96-50416
F 051 417 69.00



1140523 *LC 9/14/27*

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

240

110914

240

| Status | Item ID | Rev | Name | Start Date | Quantity | FJOMp | Dte | Se | rap | Qunmend | N | C | ILCX | Sort | Time | Offset | Elan | Typy | 1 | Per | Orurch | to | Wnore | Coe | Last |
|--------|---------------|-----|-----------|------------|----------|-------|-----|----|-----|---------|----|---|------|------|------|--------|------|------|---|-----|--------|----|-------|-----|--------|
| ✓ | D3859-041 | A | Wearplate | 6/24/09 | 2.00... | Ea | | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | | 6/2... |
| ✓ | NAS1149D0463J | | Washer | 6/24/09 | 12.0... | Ea | | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | | 6/2... |
| ✓ | MS21042L4 | | Nut | 6/24/09 | 12.0... | Ea | | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | | 6/2... |
| ✓ | AN4-17A | | Bolt | 6/24/09 | 12.0... | Ea | | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | | 6/2... |

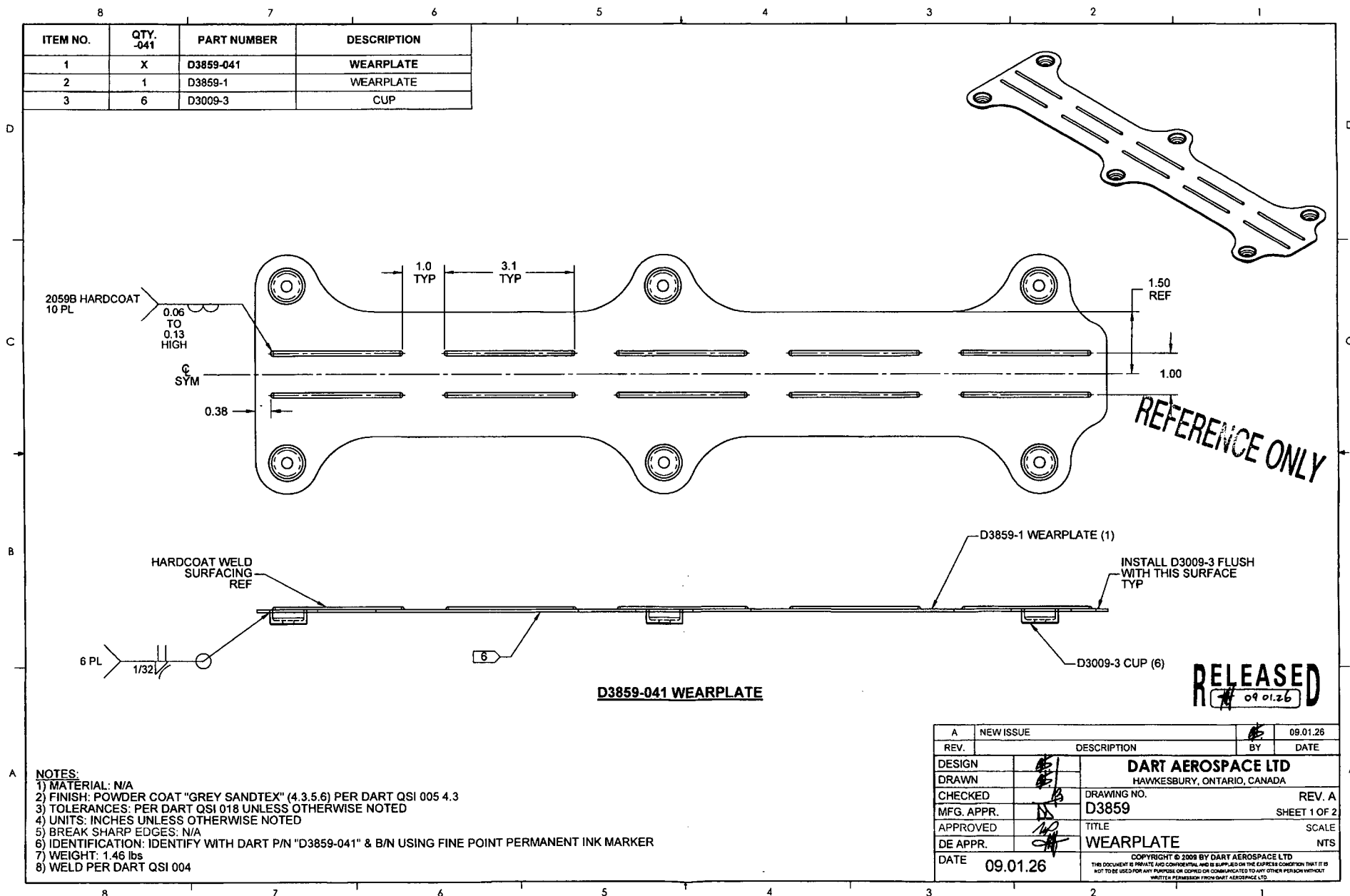
D3859. 578.031

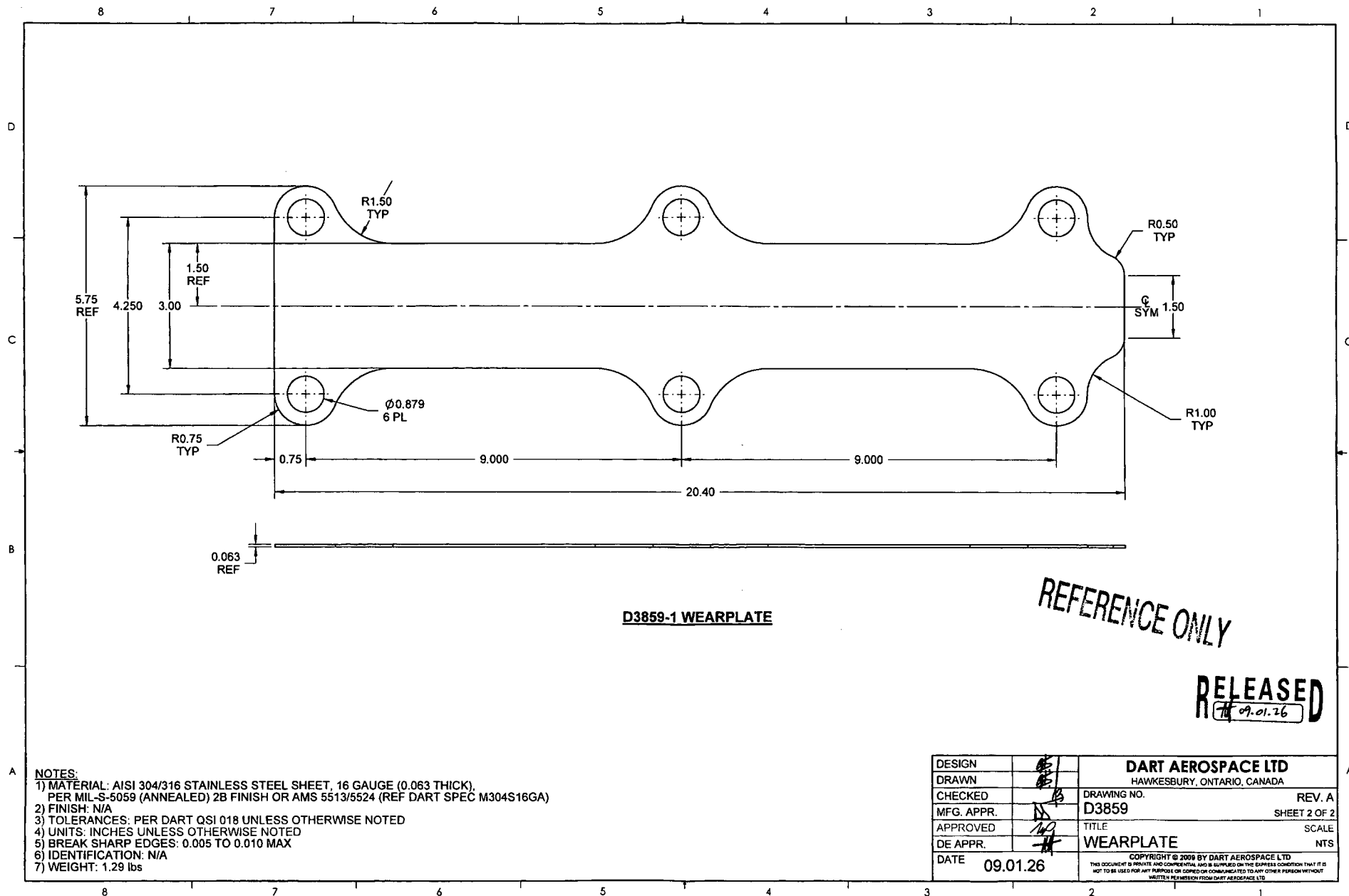
53217

| Status | Item ID | Rev | Name | Start Date | Quantity | FJOMp | Dte | Se:rap | Qunmend | N:C | ICX | Sort | Time | Offset | Plan | Typy | 1 | Per | Orurch | to | Whore | Coe | Last | M |
|--------|---------------|-----|-----------|------------|----------|-------|-----|--------|---------|-----|-----|------|------|--------|------|------|-----|-----|--------|----|-------|-----|--------|---|
| ✓ | AN4-15A | | Bolt | 6/24/09 | 12.0... | Ea | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | 6/2... | |
| ✓ | D3859-041 | A | Wearplate | 6/24/09 | 2.00... | Ea | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | 6/2... | |
| ✓ | NAS1149D0463J | | Washer | 6/24/09 | 12.0... | Ea | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | 6/2... | |
| ✓ | MS21042L4 | | Nut | 6/24/09 | 12.0... | Ea | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | 6/2... | |
| ✓ | AN4-17A | | Bolt | 6/24/09 | 12.0... | Ea | | | 0 | 0. | | | | 0 | | 0 | MRP | | | | | | 6/2... | |

~~D206-559-033~~

| ITEM NO. | QTY. -041 | PART NUMBER | DESCRIPTION |
|----------|--------------|-------------|-------------|
| 1 | X | D3859-041 | WEARPLATE |
| 2 | 1 | D3859-1 | WEARPLATE |
| 3 | 6 | D3009-3 | CUP |





NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 16 GAUGE (0.063 THICK),
PER MIL-S-5059 (ANNEALED) 2B FINISH OR AMS 5513/5524 (REF DART SPEC M304S16GA)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.29 lbs

| | | | |
|------------|----------|---|--------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3859 | SHEET 2 OF 2 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | WEARPLATE | NTS |
| DATE | 09.01.26 | <small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMBINED WITH ANY OTHER PUBLISHED OR UNPUBLISHED WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> | |

Work Order ID 53217

October 27, 2009 9:50:13 AM



Page 1

Item ID: D350-578-031

Accept



Setup Start



Revision ID: A

Item Name: Wearplate

Stop



Start Date: 10/27/09 Start Qty: 1.00

Required Date: 10/27/09 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

100



DOCUMENT CONTROL

0.00

REFERENCE ONLY

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels per PPP D350-578-031 and DSI9429 CHG 001

105



0.00

Packaging

Memo

0.00

Packaging

PULL FROM STOCK:

1 X D206-559-033 B
DISASSEMBLE KIT RETURN TO STOCK

106



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 OR EARLIER

REF. TCCA STC: SH93-4
REF. FAA STC: SR00028NY
REF. FAA STC: SR00029NY
REF. EASA STC: EASA.IM.R.S.01389
REF. ARGENTINA STC: CTS-0508.13(A)

The D350-578-031 Wearplate kit can be installed on D350-578-011/-021 Bearpaw installations. The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D350-578 Rev F or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

REFERENCE ONLY

WEIGHT AND BALANCE

| Installation | Weight | Lateral | | Longitudinal | |
|-------------------------------|--------------------|-----------------|-----------------------|--------------------|--------------------------|
| | | Arm | Moment | Arm | Moment |
| D350-578-031 Wearplate Kit | 3.00 lb 1.36 kg | 0.0 in 0.0 m | 0.0 in-lb 0.0 m-kg | 157.0 in 3.99 m | 471.0 in-lb 5.43 m-kg |

PARTS LIST

| QTY. -031 | PART NUMBER | DESCRIPTION |
|--------------|---------------|--------------------|
| X | D350-578-031 | Wearplate Kit |
| 2 | D3859-041 | Wearplate |
| 12 | AN4-17A | Bolt |
| 12 | NAS1149D0463J | Washer |
| 12 | MS21042L4 | Nut or (MS21042-4) |

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *D. Shepherd*
D. SHEPHERD (DE # 02)

DATE: 09.01.15
CERT. NO.: SH93-4
ISSUE NO.: 7

| | | | |
|--|-----------|-----------------------------|--------------|
| A | NEW ISSUE | REV. | 09.01.15 |
| DESIGN | | DESCRIPTION | BY |
| DRAWN | | | DATE |
| CHECKED | | DART AEROSPACE LTD | |
| MFG. APPR. | N/A | HAWKESBURY, ONTARIO, CANADA | |
| APPROVED | | DRAWING NO. | REV. A |
| DE APPR. | | DSI 9429 | SHEET 1 OF 2 |
| DATE | 09.01.15 | TITLE | SCALE |
| | | WEARPLATE KIT | NTS |
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